

WHAT IS CLAIMED IS:

1. A power-supply wiring device comprising:

a first case capable to receive a wire harness folded into
5 a U-shape;

a moving portion movable freely along said first case; and

a harness holding member mounted on said moving portion
for holding said wire harness and leading said wire harness out
of said first case.

10 2. The power-supply wiring device according to claim 1, wherein
a first guide portion for sliding freely said moving portion
to be engaged with said first guide portion is disposed along
lengthwise of said first case.

3. The power-supply wiring device according to claim 1 or 2,
15 wherein said harness holding member is engaged rotatably around
one end thereof with a shaft of said moving portion, further
comprising a second case receiving said harness holding member
to be moved inwardly and outwardly for supporting said wire
harness led out of the other end of said harness holding member
20 freely to swing said wire harness.

4. The power-supply wiring device according to claim 3, wherein
said second case is provided with a second guide portion for
sliding said harness holding member.

5. The power-supply wiring device according to claim 3, wherein
25 said harness holding member is moved along a circular arc
inwardly and outwardly in said second case.

6. The power-supply wiring device according to claim 3, wherein said harness holding member is formed into a circular arc shape.

7. The power-supply wiring device according to claim 3, wherein said harness holding member is provided with a space for passing
5 said wire harness therethrough.

8. The power-supply wiring device according to claim 3, wherein a connector at an end of said wire harness is fixed on said second case.

9. A harness layout structure by said power-supply wiring
10 device according to claim 3, wherein said first case of the power-supply wiring device is mounted on a sliding structure and said second case of the power-supply wiring device is mounted on a fixed structure engaging with said sliding structure freely to slide to each other, wherein said harness
15 holding member is disposed rotatably and slidably at said sliding structure, wherein said wire harness is wired from said sliding structure through said harness holding member into said second case on said fixed structure.

10. The harness layout structure according to claim 9, wherein
20 said sliding structure is disposed vertically, and said fixed structure and said harness holding member are disposed horizontally.